# Series 160 Disposable Plastic Spiral Bell Mixer

## Using simple, time-proven geometry

### Series 160, 161, 160A, 160AN, 161A & 161AN

The mixing nozzle has a bell inlet which fit Nordson EFD Valve manifolds and large volume cartridges that separately port the A and B materials directly into the mixer.

Cleanup simply involves removing the mixer and wiping the manifold face clean. In the case of the cartridges, because of the divider fin, simply remove the mixer. A metal jacket is recommended if the working pressure inside the nozzle exceeds 150 psi (10 bar) (only used with meter mix valves or manifolds).

## Specification

- Elements: Acetal
- Housing: Polypropylene

| Part # | # Mixing Elements | Element Diameter (inch/mm) | Housing Length (inch/cm) | Outside Diameter (inch/mm) | Outlet Tip Orifice (inch/mm) | Housing Outlet | Pressure Limit (Psi@75°f / Bar@30°c) |
|---|---|---|---|---|---|---|---|
| 7700810 | 8 | 0.189 / 4.80 | 2.62 / 6.65 | 0.300 / 7.62 | 0.07 / 1.78 | Slip Luer | 500 / 34 |
| 7026047 | 8 | 0.189 / 4.80 | 2.62 / 6.65 | 0.300 / 7.62 | 0.07 / 1.78 | LuerLock | 500 / 34 |
| 7700811 | 16 | 0.189 / 4.80 | 3.90 / 9.91 | 0.300 / 7.62 | 0.07 / 1.78 | Slip Luer | 500 / 34 |
| 7700819 | 24 | 0.189 / 4.80 | 5.18 / 13.16 | 0.300 / 7.62 | 0.07 / 1.78 | Slip Luer | 500 / 34 |
| 7700817 | 24 | 0.189 / 4.80 | 5.18 / 13.16 | 0.300 / 7.62 | 0.07 / 1.78 | LuerLock | 500 / 34 |
| 7700824 | 32 | 0.189 / 4.80 | 6.48 / 16.46 | 0.300 / 7.62 | 0.07 / 1.78 | Slip Luer | 500 / 34 |
| 7700822 | 32 | 0.189 / 4.80 | 6.48 / 16.46 | 0.300 / 7.62 | 0.07 / 1.78 | LuerLock | 500 / 34 |
| 7700825 | 48 | 0.189 / 4.80 | 9.04 / 22.96 | 0.300 / 7.62 | 0.07 / 1.78 | Slip Luer | 500 / 34 |
| 7700826 | 48 | 0.189 / 4.80 | 9.04 / 22.96 | 0.300 / 7.62 | 0.07 / 1.78 | LuerLock | 500 / 34 |
| 7700830 | 8 | 0.248 / 6.30 | 3.56 / 9.04 | 0.370 / 9.40 | 0.09 / 2.29 | Slip Luer | 360 / 25 |
| 7700831 | 16 | 0.248 / 6.30 | 5.46 / 13.78 | 0.370 / 9.40 | 0.09 / 2.29 | Slip Luer | 360 / 25 |
| 7700834 | 16 | 0.248 / 6.30 | 5.46 / 13.78 | 0.370 / 9.40 | 0.09 / 2.29 | LuerLock | 360 / 25 |
| 7700837 | 24 | 0.248 / 6.30 | 7.46 / 18.95 | 0.370 / 9.40 | 0.09 / 2.29 | Slip Luer | 360 / 25 |
| 7700850 | 24 | 0.248 / 6.30 | 7.46 / 18.95 | 0.370 / 9.40 | 0.09 / 2.29 | LuerLock | 360 / 25 |
| 7700856 | 32 | 0.248 / 6.30 | 9.49 / 24.10 | 0.370 / 9.40 | 0.09 / 2.29 | Slip Luer | 360 / 25 |
| 7700862 | 32 | 0.248 / 6.30 | 9.49 / 24.10 | 0.370 / 9.40 | 0.09 / 2.29 | LuerLock | 360 / 25 |
| 7700866 | 48 | 0.248 / 6.30 | 13.14 / 33.38 | 0.370 / 9.40 | 0.09 / 2.29 | Slip Luer | 360 / 25 |
| 7700872 | 48 | 0.248 / 6.30 | 13.14 / 33.38 | 0.370 / 9.40 | 0.09 / 2.29 | LuerLock | 360 / 25 |
| 7700873 | 18 | 0.314 / 8.00 | 6.96 / 17.68 | 0.461 / 11.71 | 0.10 / 2.54 | Stepped | 330 / 23 |

more info

Nordson EFD

| Part # | # Mixing Elements | Element Diameter (inch/mm) | Housing Length (inch/cm) | Outside Diameter (inch/mm) | Outlet Tip Orifice (inch/mm) | Housing Outlet | Pressure Limit (Psi@75°f / Bar@30°c) |
|---|---|---|---|---|---|---|---|
| 7700875 | 18 | 0.314 / 8.00 | 6.96 / 17.68 | 0.461 / 11.71 | 0.10 / 2.54 | LuerLock | 330 / 23 |
| 7700876 | 24 | 0.314 / 8.00 | 8.84 / 22.45 | 0.461 / 11.71 | 0.10 / 2.54 | Stepped | 330 / 23 |
| 7700878 | 24 | 0.314 / 8.00 | 8.84 / 22.45 | 0.461 / 11.71 | 0.10 / 2.54 | LuerLock | 330 / 23 |
| 7700879 | 32 | 0.314 / 8.00 | 11.44 / 29.06 | 0.461 / 11.71 | 0.10 / 2.54 | Stepped | 330 / 23 |
| 7700885 | 12 | 0.366 / 9.30 | 5.48 / 13.92 | 0.510 / 12.95 | 0.12 / 3.05 | Stepped | 300 / 21 |
| 7700892 | 12 | 0.366 / 9.30 | 5.48 / 13.92 | 0.510 / 12.95 | 0.12 / 3.05 | LuerLock | 300 / 21 |
| 7013510 | 18 | 0.366 / 9.30 | 7.28 / 18.49 | 0.510 / 12.95 | 0.12 / 3.05 | Stepped | 300 / 21 |
| 7700902 | 18 | 0.366 / 9.30 | 7.28 / 18.49 | 0.510 / 12.95 | 0.12 / 3.05 | LuerLock | 300 / 21 |
| 7700904 | 24 | 0.366 / 9.30 | 9.15 / 23.24 | 0.510 / 12.95 | 0.12 / 3.05 | Stepped | 300 / 21 |
| 7700924 | 24 | 0.366 / 9.30 | 9.15 / 23.24 | 0.510 / 12.95 | 0.12 / 3.05 | LuerLock | 300 / 21 |
| 7700927 | 30 | 0.366 / 9.30 | 11.24 / 28.55 | 0.510 / 12.95 | 0.12 / 3.05 | Slip Luer | 300 / 21 |
| 7700931 | 30 | 0.366 / 9.30 | 11.24 / 28.55 | 0.510 / 12.95 | 0.12 / 3.05 | LuerLock | 300 / 21 |
| 7700932 | 40 | 0.366 / 9.30 | 14.14 / 35.92 | 0.510 / 12.95 | 0.12 / 3.05 | Stepped | 300 / 21 |
| 7700939 | 40 | 0.366 / 9.30 | 14.14 / 35.92 | 0.510 / 12.95 | 0.12 / 3.05 | LuerLock | 300 / 21 |
| 7700990 | 12 | 0.497 / 12.65 | 6.71 / 17.04 | 0.510 / 12.95 | 0.12 / 3.05 | Stepped | 270 / 19 |
| 7701001 | 18 | 0.497 / 12.65 | 9.08 / 23.06 | 0.660 / 16.76 | 0.18 / 4.57 | Stepped | 270 / 19 |
| 7701007 | 18 | 0.497 / 12.65 | 9.08 / 23.06 | 0.660 / 16.76 | 0.18 / 4.57 | LuerLock | 270 / 19 |
| 7701010 | 24 | 0.497 / 12.65 | 11.60 / 29.46 | 0.660 / 16.76 | 0.18 / 4.57 | Stepped | 270 / 19 |
| 7701028 | 30 | 0.497 / 12.65 | 14.09 / 35.79 | 0.660 / 16.76 | 0.18 / 4.57 | Stepped | 270 / 19 |
| 7701035 | 30 | 0.497 / 12.65 | 14.09 / 35.79 | 0.660 / 16.76 | 0.18 / 4.57 | LuerLock | 270 / 19 |
| 7701038 | 36 | 0.497 / 12.65 | 16.63 / 42.24 | 0.660 / 16.76 | 0.18 / 4.57 | Stepped | 270 / 19 |

## Accessories

- Dispensing Tips
- Manifold
- Ratio Check Cap and Night Cap
- Retaining Nut
- One-Piece Metall Jacket

Nordson EFD

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